Amendments to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims

1-8 (Canceled)

9 (Currently amended). A display device, comprising:

a plurality of pixel electrodes defining a plurality of pixels that are arranged in a matrix pattern;

optical switching elements electrically connected to the plurality of pixel electrodes, respectively;

scanning signal light emitting elements for emitting dotted light, as scanning signals, to the optical switching elements; and

a louver provided between the optical switching element and the scanning signal light emitting element,

said louver comprising a plurality of cells immediately on each scanning signal light emitting element..

10 (Original). The displa y device of claim 9, further comprising:

a backlight provided on a side away from the optical switching element with respect to the scanning signal light emitting element; and

a light blocking layer provided on a side of the scanning signal light emitting element that is closer to the backlight.

11 (Original). The displa y device of claim 9, wherein light emitted from the scanning signal light emitting element is modulated into a predetermined polarized state, and substantially only light that is in the predetermined polarized state is incident on the optical switching element.

12 (Original) The display device of claim 11, further comprising:

a first polarizing element provided between the optical switching element and the

scanning signal light emitting element for modulating light emitted from the scanning signal light emitting element into the predetermined polarized state; and

a second polarizing element provided between the first polarizing element and the optical switching element and arranged so as to selectively transmit light that is in the predetermined polarized state.

13 (Original) The display device of claim 9, further comprising:

at least one counter electrode opposing the plurality of pixel electrodes; and

a liquid crystal layer provided between the plurality of pixel electrodes and the at least one counter electrode.

14 (Original). The displa y device of claim 9, further comprising:

at least one counter electrode opposing the plurality of pixel electrodes; and

an organic electroluminescence material layer provided between the plurality of pixel electrodes and the at least one counter electrode.

15 (Original). The displa y device of claim 14, further comprising a light blocking layer provided on a viewer side of the optical switching element.

16 (Original). The displa y device of claim 9, wherein the scanning signal light emitting element is formed in a dot-like shape.

17 (Withdrawn) A display device, comprising:

a plurality of pixel electrodes defining a plurality of pixels that are arranged in a matrix pattern;

optical switching elements electrically connected to the plurality of pixel electrodes, respectively;

scanning signal light emitting elements for emitting dotted light, as scanning signals, to the optical switching elements; and

a focusing element provided between the optical switching element and the scanning

signal light emitting element for focusing light emitted from the scanning signal light emitting element on a predetermined area.

18 (Withdrawn). The display device of claim 17, wherein the focusing element is a lens.

19 (Withdrawn). The display device of claim 17, further comprising:

a backlight provided on a side away from the optical switching element with respect to the scanning signal light emitting element; and

a light blocking layer provided on a side of the scanning signal light emitting element that is closer to the backlight.

20 (Withdrawn). The display device of claim 17, wherein light emitted from the scanning signal light emitting element is modulated into a predetermined polarized state, and substantially only light that is in the predetermined polarized state is incident on the optical switching element.

21 (Withdrawn). The display device of claim 20, further comprising:

a first polarizing element provided between the optical switching element and the scanning signal light emitting element for modulating light emitted from the scanning signal light emitting element into the predetermined polarized state; and

a second polarizing element provided between the first polarizing element and the optical switching element and arranged so as to selectively transmit light that is in the predetermined polarized state.

22 (Withdrawn). The display device of claim 17, further comprising:

at least one counter electrode opposing the plurality of pixel electrodes; and

a liquid crystal layer provided between the plurality of pixel electrodes and the at least one counter electrode.

23 (Withdrawn). The display device of claim 17, further comprising:

at least one counter electrode opposing the plurality of pixel electrodes; and

an organic electroluminescence material layer provided between the plurality of pixel electrodes and the at least one counter electrode.

24 (Withdrawn). The display device of claim 23, further comprising a light blocking layer provided on a viewer side of the optical switching element.

25 (Withdrawn). The display device of claim 17, wherein the scanning signal light emitting element is formed in a dot-like shape.

26 (Withdrawn). A display device, comprising:

a plurality of pixel electrodes defining a plurality of pixels that are arranged in a matrix pattern;

optical switching elements electrically connected to the plurality of pixel electrodes, respectively; and

scanning signal light emitting elements for emitting dotted light, as scanning signals, to the optical switching elements,

wherein light emitted from the scanning signal light emitting element is modulated into a predetermined polarized state, and substantially only light that is in the predetermined polarized state is incident on the optical switching element.

27 (Withdrawn). The display device of claim 26, further comprising:

a first polarizing element provided between the optical switching element and the scanning signal light emitting element for modulating light emitted from the scanning signal light emitting element into the predetermined polarized state; and

a second polarizing element provided between the first polarizing element and the optical switching element and arranged so as to selectively transmit light that is in the predetermined polarized state.

28 (Withdrawn). The display device of claim 26, further comprising:

at least one counter electrode opposing the plurality of pixel electrodes; and

a liquid crystal layer provided between the plurality of pixel electrodes and the at least one counter electrode.

29 (Withdrawn). The display device of claim 26, further comprising:

at least one counter electrode opposing the plurality of pixel electrodes, and

an organic electroluminescence material layer provided between the plurality of pixel electrodes and the at least one counter electrode.

30 (Withdrawn). The display device of claim 29, further comprising a light blocking layer provided on a viewer side of the optical switching element.

31 (Withdrawn). The display device of claim 26, wherein the scanning signal light emitting element is formed in a dot-like shape.

32 (Withdrawn). A display device, comprising:

a plurality of pixel electrodes defining a plurality of pixels that are arranged in a matrix pattern;

optical switching elements electrically connected to the plurality of pixel electrodes, respectively; and

scanning signal light emitting elements, respectively associated with the optical switching elements, for emitting light, as scanning signals, to the optical switching elements,

wherein the scanning signal light emitting element is formed in a dot-like shape, and substantially only light that is emitted from one scanning signal light emitting element that is associated with one optical switching element is incident on the optical switching element.

33 (Withdrawn). The display device of claim 32, wherein a distance between one optical switching element and one scanning signal light emitting element that is associated with the optical switching element is less than a pixel pitch at which the plurality of pixels are arranged.

34 (Withdrawn). The display device of claim 32, further comprising a louver between at

least one optical switching element and at least one scanning signal light emitting element that is associated with the at least one optical switching element.

35 (Withdrawn). The display device of claim 32, further comprising a focusing element between at least one optical switching element and at least one scanning signal light emitting element that is associated with the at least one optical switching element for focusing light emitted from the at least one scanning signal light emitting element on a predetermined area.

36 (Withdrawn). The display device of claim 35, wherein the focusing element is a lens.

37 (Withdrawn). The display device of claim 32, further comprising:

a backlight provided on a side away from the optical switching element with respect to the scanning signal light emitting element; and

a light blocking layer provided on a side of the scanning signal light emitting element that is closer to the backlight.

38 (Withdrawn). The display device of claim 32, wherein light emitted from each scanning signal light emitting element is modulated into a predetermined polarized state, and substantially only light that is in the predetermined polarized state is incident on one optical switching element that is associated with the scanning signal light emitting element.

39 (Withdrawn). The display device of claim 38, further comprising:

a first polarizing element provided between at least one optical switching element and at least one scanning signal light emitting element that is associated with the at least one optical switching element for modulating light emitted from the at least one scanning signal light emitting element into the predetermined polarized state; and

a second polarizing element provided between the first polarizing element and the at least one optical switching element and arranged so as to selectively transmit light that is in the predetermined polarized state.

40 (Withdrawn). The display device of claim 32, further comprising:

at least one counter electrode opposing the plurality of pixel electrodes; and

a liquid crystal layer provided between the plurality of pixel electrodes and the at least one counter electrode.

41 (Withdrawn). The display device of claim 32, further comprising:

at least one counter electrode opposing the plurality of pixel electrodes; and

an organic electroluminescence material layer provided between the plurality of pixel electrodes and the at least one counter electrode.

42 (Withdrawn). The display device of claim 41, further comprising a light blocking layer provided on a viewer side of the optical switching element.

43 (New). A display device, comprising:

a plurality of pixel electrodes defining a plurality of pixels that are arranged in a matrix pattern;

optical switching elements electrically connected to the plurality of pixel electrodes, respectively;

scanning signal light emitting elements for emitting dotted light, as scanning signals, to the optical switching elements;

a louver provided between the optical switching element and the scanning signal light emitting element;

a backlight provided on a side away from the optical swiching element with respect to the scanning signal light emitting element; and

a light blocking layer provided on a side of the scanning signal light emitting element that is closer to the backlight.

44 (New). The display device of claim 43,

wherein light emitted from the scanning signal light emitting element is modulated into a predetermined polarized state, and substantially only light that is in the predetermined polarized

state is incident on the optical switching element.

45 (New). The display device of claim 44, further comprising:

a first polarizing element provided between the optical switching element and the scanning signal light emitting element for modulating light emitted from the scanning signal light emitting element into the predetermined polarized state; and

a second polarizing element provided between the first polarizing element and the optical switching element and arranged so as to selectively transmit light that is in the predetermined polarized state.

46 (New). The display device of claim 43, further comprising:

at least one counter electrode opposing the plurality of pixel electrodes, and

a liquid crystal layer provided between the plurality of pixel electrodes and the at least one counter electrode.

47 (New). The display device of claim 43, further comprising:

at least one counter electrode opposing the plurality of pixel electrodes; and

an organic electroluminescence material layer provided between the plurality of pixel electrodes and the at least one counter electrode.

48 (New). The display device of claim 47, further comprising a light blocking layer provided on a viewer side of the optical switching element.

49 (New). The display device of claim 43, whrein the scanning signal light emitting element is formed on a dot-like shape.

50 (New). A display device, comprising:

a plurality of pixel electrodes defining a plurality of pixels that are aranged in a matrix pattern;

optical switching elements electrically connected to the plurality of pixel electrodes,

respectively;

scanning signal light emittnig elements for emitting dotted light, as scanning signals to the optical switching elements; and

a louver provided between the optical switching element and the scanning signal light emitting element,

wherein light emitted from the scanning signal light emitting element is modulated into a predetermined polarized state, and substantially only light that is in the predetermined polarized state is incident on the optical switching element.

51 (New). The display device of claim 50, further comprising:

a first polarizing element provided between the optical switching element and the scanning signal light emitting element for modulating light emitted from the scanning signal light emittnig element into the predetermined polarized state; and

a second polarizing element provided between the first polarizing element and the optical switching element and arranged so as to selectively transmit light that is in the predetermined polarized state.

52 (New). The display device of claim 50, further comprising;

at least one counter electrode opposing the plurality of pixel electrodes; and

a liquid crystal layer provided between the plurality of pixel electrodes and the at least one counter electrode.

53 (New). The display device of claim 50, further comprising:

at least one counter electrode opposing the plurality of pixel electrodes; and an organic electroluminescence material layer provided between the plurality of pixel electrodes and the at least one counter electrode.

54 (New). The display device of claim 53, further comprising a light blocking layer provided on a viewer side of the optical switching element.

55 (New). The display device of claim 50, wherein the scanning signal light emitting element is formed in a dot-like shape.